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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

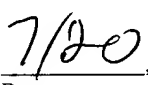
CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on **July 20, 2000** in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number **EK334059856US**, addressed to **BOX PATENT APPLICATION, Hon. Commissioner for Patents and Trademarks, Washington, DC 20231.**

Attorney Docket No.: P113US1

First Named Inventor: David J. Gesbert


Douglas A. Cave


Date, 2000

UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))

BOX PATENT APPLICATION

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:

- 1) David J. Gesbert
- 2) Peroor K. Sebastian
- 3) Vinko Erceg
- 4) Victor Shtrom
- 5) Sanjay Kasturia
- 6) Arogyaswami J. Paulraj

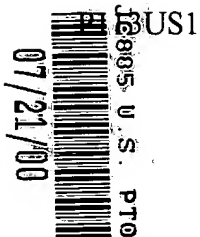
For: **SPATIAL SEPARATION AND MULTI-POLARIZATION OF ANTENNAE IN A WIRELESS CELLULAR NETWORK**

Application Elements:

- ☒ ** 36 Pages of Specification, Claims and Abstract
- ☒ ** 9 Sheets of **formal** Drawings
- ☐ ** 4 Pages Combined Declaration and Power of Attorney (Duly Executed)

Accompanying Application Parts:

- ☐ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☒ Return Receipt Postcard



09/621119 07/21/00

☐ Small Entity Statement(s)
☐ Other:

Fee Calculation (37 CFR § 1.16)

	(Col. 1) <u>NO. FILED</u>	(Col. 2) <u>NO. EXTRA</u>	<u>SMALL ENTITY</u> <u>RATE</u>	<u>FEE</u>	OR	<u>LARGE ENTITY</u> <u>RATE</u>	<u>FEE</u>
BASIC FEE	\$345 +		\$345	\$345	OR	\$690	\$
TOTAL CLAIMS	<u>31</u> -20 = <u>11</u>		x 9 = \$99		OR	x 18 = \$	
INDEP CLAIMS	<u>4</u> -03 = <u>1</u>		x 39 = \$39		OR	x 78 = \$	
[] Multiple Dependent Claim Presented			\$130 = \$		OR	\$260 = \$	
* If the difference in Col. 1 is less than zero, enter "0" in Col. 2.			Total	\$483	OR	Total	\$

General Authorization for Petition for Extension of Time (37 CFR §1.136)

☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings.

☒ Please send correspondence to the following address:

**Patent Department
Gigabit Wireless
3099 N. First Street
San Jose, CA 95134
(408) 232-7500**

Date: July 20, 2000

Brian R. Short
**Brian R. Short, Esq.
Reg. No. 41,309**